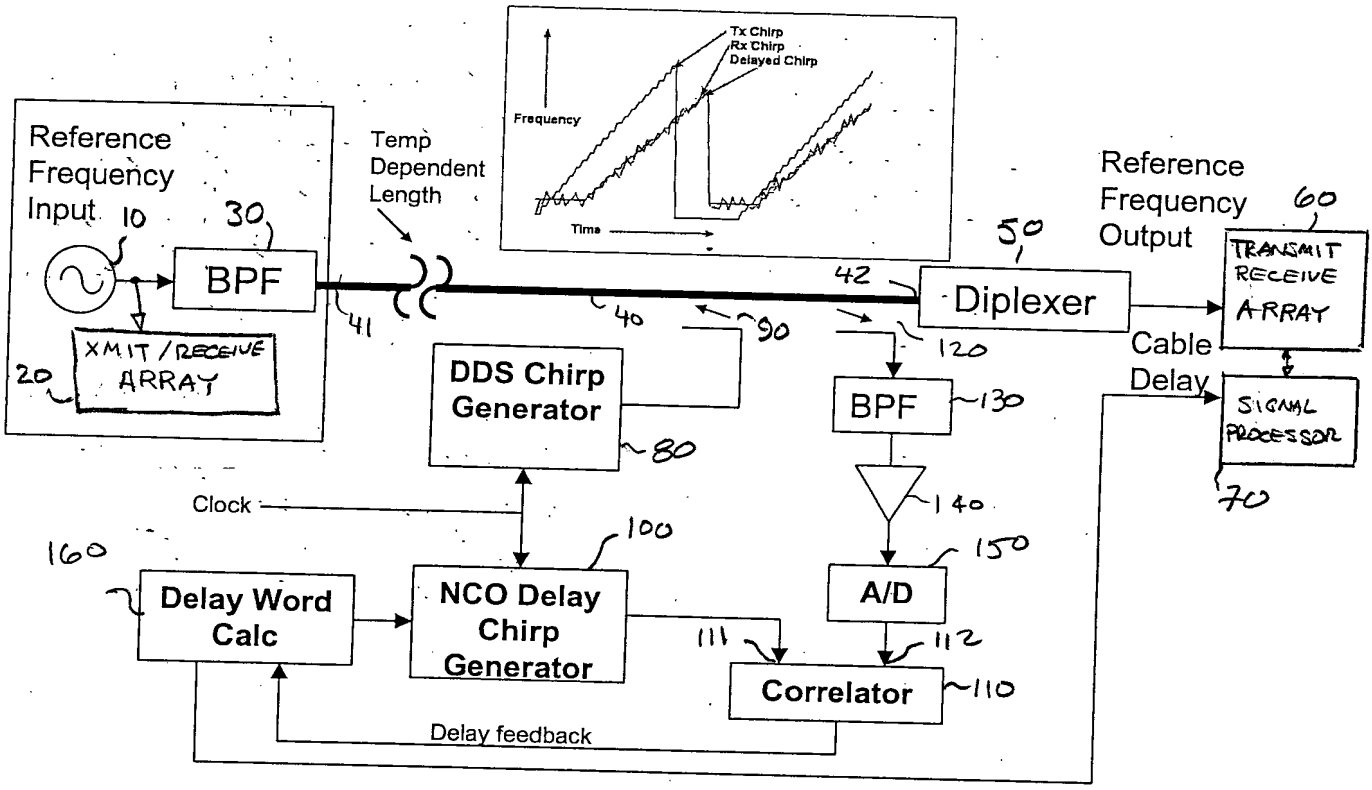
Tx Chirp
Rx Chirp
Delayed Chirp
Frequency
Time
Reference Frequency Input
10
30
BPF
XMIT / RECEIVE ARRAY
20
Temp Dependent Length
41
40
42
90
Diplexer
50
120
Reference Frequency Output
60
TRANSMIT RECEIVE ARRAY
Cable Delay
SIGNAL PROCESSOR
70
DDS Chirp Generator
80
BPF
130
140
Clock
160
100
150
Delay Word Calc
NCO Delay Chirp Generator
A/D
111
112
Correlator
110
Delay feedback